

## Pectin lyase 1A from Bacillus subtilis, Recombinant

Cat. No. NATE-1933

Lot. No. (See product label)

### Introduction

**Description** Pectin lyase 1A is an enzyme that acts on 1,4- $\alpha$ -D-galacturonan methyl ester from *Pseudomonas marginalis*. Recombinant PmPly1A (PL1), purified from *Escherichia coli*, is a single domain family 1 Pectate Lyase (PL1).

**Synonyms** pectin trans-eliminase; endo-pectin lyase; polymethylgalacturonic transeliminase; pectin methyltranseliminase; pectolyase; PL; PNL; PMGL; PmPly1A; PL1

### Product Information

**Species** Bacillus subtilis

**Source** E. coli

**Formulation** 35 mM NaHepes buffer, pH 7.5, 750 mM NaCl, 200 mM imidazol, 3.5 mM CaCl<sub>2</sub>, 0.02% sodium azide and 25% (v/v) glycerol

**EC Number** EC 4.2.2.10

**CAS No.** 9033-35-6

**Molecular Weight** 38.0 kDa

**Purity** >90% as judged by SDS-PAGE

**Concentration** 0.25 mg/mL

**Optimum pH** 8

**Optimum temperature** 60°C

### Storage and Shipping Information

**Storage** at -20°C